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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/774,640	
	Filing Date	02/05/2004	
	First Named Inventor	Pierce et al.	
	Art Unit	2859	
	Examiner Name	Madeline Gonzalez	
Total Number of Pages in This Submission	11	Attorney Docket Number	NC 85003

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Response to Office Action mailed 12/15/04		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Naval Air Systems Command	
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Printed name	Mark O. Glut	
Date	1/10/2005	Reg. No. 38,161

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002/011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Pierce et al.)	
Serial No.: 10/774,649)	Group Art Unit: 2859
Filed: 02/05/2004)	Examiner: Madeline Gonzalez
For: Non-invasive Corrosion Sensor)	Att. Docket No.: NC 85003
)	
)	

Commissioner of Patents and Trademarks
PO Box 1450
Alexandria, VA 22313

RESPONSE TO OFFICE ACTION
UNDER 37 C.F.R. 1.111

Dear Examiner:

In response to the Office Action mailed December 15, 2004, please find a response for the above-identified U.S. patent application as follows.

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